

**WHAT IS CLAIMED IS:**

1. A method for generating dummy video sync signals in a data recording medium player, the method comprising:

reading out a signal recorded on a data recording medium and reproducing the read-out signal;

generating a dummy video sync signal when there is no video signal included in the reproduced signal; and

transmitting, to an output device, the dummy video sync signal along with the reproduced signal, the reproduced signal including an audio signal, but no video signal.

2. The method according to claim 1, further comprising:

if there are video and audio signals in the reproduced signal, transmitting the video and audio signals in the reproduced signal to the output device.

3. The method according to claim 1, wherein the data recording medium is an optical disc.

4. The method according to claim 3, wherein the optical disc is an audio-only optical disc, whereby the dummy video sync signal is transmitted to the output device, along with an audio signal read/reproduced from the audio-only optical disc.

5. The method according to claim 4, wherein the audio-only optical disc is a CD or an optical disc recorded with MP3 audio data.

6. The method according to claim 4, wherein the audio-only optical disc is a DVD audio disc.

7. The method according to claim 1, wherein the dummy video sync signal has a same frequency as a sync signal frequency of a general video signal.

8. The method according to claim 1, wherein the data recording medium player is an optical disc player, such that the reading out and reproducing steps are performed in the optical disc player.

9. The method according to claim 8, wherein the generating and transmitting steps are performed by the optical disc player.

10. The method according to claim 1, wherein in the transmitting step, the output device is a television.

11. The method according to claim 1, further comprising:  
reading out navigation information stored on the data recording medium; and  
storing the read navigation information in a storage unit of the data recording medium player.

12. The method according to claim 11, further comprising:  
identifying a type of the data recording medium based on the

navigation information, when a play operation is requested; and

determining whether or not the data recording medium is an audio-only recording medium based on the identifying result.

13. The method according to claim 12, wherein the generating step includes:

determining whether or not there is a video signal included in the reproduced signal even if the determining step determines that the data recording medium is an audio-only recording medium.

14. The method according to claim 12, wherein the generating step determines that there is no video signal included in the reproduced signal if the determining step determines that the data recording medium is an audio-only recording medium.

15. An apparatus for generating dummy video sync signals and usable in a data recording medium player, the apparatus comprising:

means for reading out a signal recorded on a data recording medium and reproducing the read-out signal;

means for generating a dummy video sync signal when there is no video signal included in the reproduced signal; and

means for transmitting, to an output device, the dummy video sync signal along with the reproduced signal, the reproduced signal including an audio signal, but no video signal.

16. The apparatus according to claim 15, wherein, if there are

video and audio signals in the reproduced signal, the transmitting means transmits the video and audio signals in the reproduced signal to the output device.

17. The apparatus according to claim 15, wherein the data recording medium is an optical disc.

18. The apparatus according to claim 17, wherein the optical disc is an audio-only optical disc, whereby the dummy video sync signal is transmitted to the output device, along with an audio signal read/reproduced from the audio-only optical disc.

19. The apparatus according to claim 18, wherein the audio-only optical disc is a CD or an optical disc recorded with MP3 audio data.

20. The apparatus according to claim 18, wherein the audio-only optical disc is a DVD audio disc.

21. The apparatus according to claim 15, wherein the dummy video sync signal has a same frequency as a sync signal frequency of a general video signal.

22. The apparatus according to claim 15, wherein the data recording medium player is an optical disc player, such that the means for reading out and reproducing is present in the optical disc player.

23. The apparatus according to claim 22, wherein the means for generating and the means for transmitting are present in the optical disc player.

24. The apparatus according to claim 15, wherein the output device is a television.

25. The apparatus according to claim 15, further comprising:  
means for reading out navigation information stored on the data recording medium; and  
means for storing the read navigation information in a storage unit of the data recording medium player.

26. The apparatus according to claim 25, further comprising:  
means for identifying a type of the data recording medium based on the navigation information, when a play operation is requested; and  
means for determining whether or not the data recording medium is an audio-only recording medium based on the identification result.

27. The apparatus according to claim 26, wherein the means for generating includes:

second means for determining whether or not there is a video signal included in the reproduced signal even if it is determined that the data recording medium is an audio-only recording medium.

28. The apparatus according to claim 26, wherein the means for

generating determines that there is no video signal included in the reproduced signal if it is determined that the data recording medium is an audio-only recording medium.